

Abstract

A claw pole generator having a rotor (20) of claw pole construction is proposed, wherein the rotor (20) is formed of a pole wheel half (22), connected to a rotor shaft (32) in a manner fixed against relative rotation, and a pole carrier (26), also connected in a manner fixed against relative rotation to the pole wheel half (22) by a retaining means. The rotor (20) has first claw poles (28) and second claw poles (29), wherein the first claw poles (28) are formed by the pole wheel half (22) and the second claw poles (29) are formed by the pole carrier (26). The first claw poles (28) alternate, on the circumference of the rotor (20), with the second claw poles (29). Claw pole interstices (36) are located in the circumferential direction between the first claw poles (28) and the second claw poles (29). The retaining means (34) is disposed at least partly in the claw pole interstices (36), and the retaining means (34) is connected by material engagement, in particular by welding, soldering or adhesive bonding, to the first claw poles (28) and to the second claw poles (29).

(Fig. 3)